STIC Scientific and Technical Information Center

Search Report EIC 3600

To Examiner Debra Antonienko Art Unit: 3689 Thursday August 12, 2010 Case Serial Number: 10/606661	From: Matthew Hogan Location: EIC3600 KNX 2D08-B Phone: (571) 272-6674 Matthew.Hogan@uspto.gov

Search Notes

Dear Examiner ANTONIENKO:

Please find attached the results of your search for the above-referenced case. The search was conducted in Dialog, in EBSCOhost's I & PC Abstract databases, and in ProQuest's Financial Times database, as well as online. All mandatory databases for allowance were searched.

I have listed *potential* references of interest in the opening section of these search results. *However, please be sure to review the entire report*. There may be additional references that you find useful.

If you have any questions about the search, or need a refocus, please do not hesitate to contact me.

Thank you for using the EIC, and we look forward to your next search!

I. Potential References of Interest

Dialog eLink: Order File History
10/3,K/12 (Item 11 from file: 350)
DIALOG(R)File 350: Derwent WPIX
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0014020686 *Drawing available*
WPI Acc no: 2004-202379/200419
XRPX Acc No: N2004-160894
Harmful software objects e.g. ActiveX controls, identifying method for testing security risks, involves identifying controls of interest from set of software objects and tracking their changes by storing information about controls
Patent Assignee: MICROSOFT CORP (MICT)
Inventor: AKHTAR I; GALLAGHER T P; LANDAUER L G

Patent Family (2 patents, 1 countries)							
Patent Number	**Kind**	**Date**	**Application Number**	**Kind**	**Date**	**Update**	**Type**
US 20040025043	A1	20040205	US 2002155354	A	20020522	200419	B
US 7577941	B2	20090818	US 2002155354	A	20020522	200955	E

Priority Applications (no., kind, date): US 2002155354 A 20020522

Patent Details				
Patent Number	**Kind**	**Lan**	**Pgs**	**Draw**	**Filing Notes**
US 20040025043	A1	EN	23	14	

Original Publication Data by AuthorityArgentina**Publication No.** ...**Claims:**of interest, in a browser, the additional information providing a mechanism for tracking and verifying that the identified controls of interest have been tested for **security** concerns; **updating** the additional information through the browser; and **updating** the **security** risk information stored in the database based on the additional information updated through the browser.

Image forming apparatus, program updating method and recording medium
Bilderzeugungsgerat, Verfahren zum Aktualisieren von Programmen und
Informationsaufzeichnungsmedium
Appareil de formation d'images, methode de mise a jour des programmes et milieu d'enregistrement
d'information

Patent Assignee:

- **Ricoh Company, Ltd.** (209037)
  3-6, Nakamagome 1-chome, Ohta-ku; Tokyo 143-8555 (JP)
  (Proprietor designated states: all)

Inventor:

- **Kawaura, Hisanori**
  283, Iwaicho,Hodogaya-ku; Yokohama-shi,Kanagawa; (JP)

Legal Representative:

- **Senior, Alan Murray (35712)**
  J.A. KEMP & CO., 14 South Square, Gray's Inn; London WC1R 5JJ; (GB)

	Country	Number	Kind	Date	
Patent	EP	1292102	A2	20030312	(Basic)
Patent	EP	1292102	A3	20030521	
Patent	EP	1292102	B1	20060517	
Application	EP	2002255918		20020827	
Priorities	JP	2001257044		20010827	
	JP	2002241389		20020822	

Designated States:
DE; FR; GB

Extended Designated States:
AL; LT; LV; MK; RO; SI

International Patent Class (V7): H04N-001/047; H04N-001/00; H04N-001/32; G03G-015/00

International Classification (Version 8) IPC	Level	Value	Position	Status	Version	Action	Source	Office
H04N-0001/047	A	I	F	B	20060101	20021220	H	EP
H04N-0001/00	A	I	L	B	20060101	20030401	H	EP
H04N-0001/32	A	I	L	B	20060101	20030401	H	EP
G03G-0015/00	A	I	L	B	20060101	20030401	H	EP

Abstract Word Count: 145
NOTE: Figure number on first page: 1
Language Publication: English
Procedural: English
Application: English

Fulltext Availability Available Text	Language	Update	Word Count
CLAIMS A	(English)	200311	1607
SPEC A	(English)	200311	13577
CLAIMS B	(English)	200620	1652
CLAIMS B	(German)	200620	1224
CLAIMS B	(French)	200620	2028
SPEC B	(English)	200620	13555
Total Word Count (Document A) 15187			
Total Word Count (Document B) 18459			
Total Word Count (All Documents) 33646			

Specification: ...to the control service or application which operates in the composite apparatus 100 or the acquired model identification information does not exist within the header **block**, the **updating data corresponding** to the present **module** ID is not selected, and the process of the steps S1204 through S1206 is not carried out.

In the step S1207, the ROM updating mode...

Specification: ...to the control service or application which operates in the composite apparatus 100 or the acquired model identification information does not exist within the header **block**, the **updating data corresponding** to the present **module** ID is not selected, and the process of the steps S1204 through S1206 is not carried out.

In the step S1207, the ROM updating mode...

Dialog eLink: Order File History
10/3,K/23 (Item 22 from file: 350)
DIALOG(R)File 350: Derwent WPIX

0013266563 *Drawing available*
WPI Acc no: 2003-352348/200333
XRPX Acc No: N2003-281397
Network attacks detection method involves parsing data in intrusion detection system included in firewall device, to identify data representing text
Patent Assignee: NETWORKS ASSOC TECHNOLOGY INC (NETW-N)
Inventor: HERATH N P; MAGDYCH J S; MCDONALD J R; OSBORNE A C; RAHMANOVIC T; TELLIER B E

Patent Family (1 patents, 1 countries)							
Patent Number	**Kind**	**Date**	**Application Number**	**Kind**	**Date**	**Update**	**Type**
US 6513122	B1	20030128	US 2001895500	A	20010629	200333	B

Priority Applications (no., kind, date): US 2001895500 A 20010629

Patent Details					
Patent Number	**Kind**	**Lan**	**Pgs**	**Draw**	**Filing Notes**
US 6513122	B1	EN	12	7	

Original Publication Data by AuthorityArgentina**Publication No.** ...**Claims:**upon differently based on the type of the attack by at least one of blocking the data, alerting an administrator, and disconnecting the remote source, **the** intrusion **detection system** further capable of **updating** the predetermined list of data representing **text** associated with attacks;**wherein** the **firewall** and the intrusion detection **system** are included in a single device.

10/3,K/2 (Item 1 from file: 350)
DIALOG(R)File 350: Derwent WPIX

0017759851 *Drawing available*
WPI Acc no: 2008-F80305/200837
XRPX Acc No: N2008-453147
Server's e.g. windows new technology server, security configuration updating method, involves identifying authorized users or authorized groups of users of files and resources associated with lists
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)
Inventor: REID W J

Patent Family (1 patents, 1 countries)							
Patent Number	**Kind**	**Date**	**Application Number**	**Kind**	**Date**	**Update**	**Type**
US 7373654	B1	20080513	US 2000620350	A	20000720	200837	B

Priority Applications (no., kind, date): US 2000620350 A 20000720

Patent Details					
Patent Number	**Kind**	**Lan**	**Pgs**	**Draw**	**Filing Notes**
US 7373654	B1	EN	11	5	

Server's e.g. windows new technology server, security configuration updating method, involves identifying authorized users or authorized groups of users of files and resources associated with lists Alerting Abstract ...update command. The downloaded changed security information is used to update security configurations of the servers, where the configurations are updated by updating security parameter **lists** (170) **associated** with a set of files and resources. The lists identify authorized users or authorized groups of users of the files and resources **associated** with the **lists**. Original Publication Data by AuthorityArgentina**Publication No. ...Original Abstracts:**server and then downloading these changes to the plurality of servers. The changes are used by the plurality of servers to update the security parameter **lists associated** with the files/resources of the server. ...**Claims:**to update the security configurations of the plurality of servers, wherein the security configurations of the plurality of servers are updated by updating security parameter **lists associated** with at least one of files and resources associated with each of the plurality of servers, and wherein the security parameter lists identify authorized users...

10/3,K/45 (Item 44 from file: 350)
DIALOG(R)File 350: Derwent WPIX
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0005706778 *Drawing available*
WPI Acc no: 1991-319666/199144
XRPX Acc No: N1991-245053
Shared data concurrency controlling method for data processor - has data blocks each with two control fields one being changed at start of update and other being changed at end of update
Patent Assignee: IBM CORP (IBMC); INT BUSINESS MACHINES CORP (IBMC)
Inventor: AMOLD M E; ARNOLD M E; BATE G P

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
EP 454610	B1	19950322	EP 1991480058 2 countries	A	19910329	199512	E
EP 454610	A	19911030	EP 1991480058	A	19910329	199144	B
EP 454610	A3	19920805	EP 1991480058	A	19910329	199336	E
US 5255387	A	19931019	US 1990515895	A	19900427	199343	E

Priority Applications (no., kind, date): US 1990515895 A 19900427

Patent Details						
Patent Number	**Kind**	**Lan**	**Pgs**	**Draw**	**Filing Notes**	
EP 454610	A	EN				
Regional Designated States,Original	DE FR GB					
EP 454610	A3	EN				
US 5255387	A	EN	8	4		
EP 454610	B1	EN	11	5		
Regional Designated States,Original	DE FR GB					
DE 69107506	E	DE			Application	EP 1991480058
					Based on OPI patent	EP 454610

Original Publication Data by AuthorityArgentina**Publication No. ...Claims:**first and second control fields associated with a block of data to be updated in shared memory to a value different from its present value,
updating the **data block,** and
setting **the** value **of the** second control field in shared memory to the value of the first control field...
memory, said control field associated with a block of data to be updated in shared memory, to a value different from its present value, b) **updating** the **data block,** and wherein the step of **updating** the **data block** comprises i) copying the block of data from shared memory into private storage, **ii) updating the data block** in private storage, and iii) copying the block from private storage into the **shared** memory, **c) setting** the value of the second **control** field **in shared** memory to the value of the first control field and on a query operation d) copying **a block** to be queried and its associated first and second control fields from shared memory to private storage, and e) further processing data contained in the block from private storage only if the values of the first and second control fields in private storage are equal, f) repeating **steps** d) **and** e) for the query operation if the values of the control fields in private storage are not equal.

10/3,K/19 (Item 18 from file: 350)
DIALOG(R)File 350: Derwent WPIX
(c) 2010 Thomson Reuters. All rights reserved.

0013331751 *Drawing available*
WPI Acc no: 2003-419160/200339
XRPX Acc No: N2003-334547
Computer program product used in computer programming environment has computer-readable program coding portion having two virtual function tables for accessing call interpreter and for calling one function

Patent Assignee: IBM CANADA LTD (IBMC); INT BUSINESS MACHINES CORP (IBMC)
Inventor: GRAY-DONALD T; JOHNSON G; STOODLEY K A; WANG J Z L

Patent Family (3 patents, 2 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20030046449	A1	20030306	US 2001940127	A	20010827	200339	B
CA 2355990	A1	20030227	CA 2355990	A	20010827	200339	NCE
US 7032230	B2	20060418	US 2001940127	A	20010827	200627	E

Priority Applications (no., kind, date): US 2001940127 A 20010827; CA 2355990 A 20010827

Patent Details					
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 20030046449	A1	EN	9	1	
CA 2355990	A1	EN			

Original Publication Data by AuthorityArgentina**Publication No. ...Claims:**each compilation entry being associated with a function in the set of functions and pointing to either a corresponding block of executable code or to **a** corresponding **block** of interpreter **transition** code, andin which the interpreter **transition** code **corresponding to** a **compilation entry** for a selected **associated** function is executable to access the function data structure pointed to by the interpretation **entry** for **the** said selected associated function.

II. Inventor Search

A. Dialog

File 15:ABI/Inform(R) 1971-2010/Aug 10
    (c) 2010 ProQuest Info&Learning
File   9:Business & Industry(R) Jul/1994-2010/Aug 10
    (c) 2010 Gale/Cengage
File 610:Business Wire 1999-2010/Aug 11
    (c) 2010 Business Wire.
File 810:Business Wire 1986-1999/Feb 28
    (c) 1999 Business Wire
File 275:Gale Group Computer DB(TM) 1983-2010/Jun 30
    (c) 2010 Gale/Cengage
File 624:McGraw-Hill Publications 1985-2010/Aug 11
    (c) 2010 McGraw-Hill Co. Inc
File 621:Gale Group New Prod.Annou.(R) 1985-2010/Jun 21
    (c) 2010 Gale/Cengage
File 636:Gale Group Newsletter DB(TM) 1987-2010/Aug 10
    (c) 2010 Gale/Cengage
File 613:PR Newswire 1999-2010/Aug 11
    (c) 2010 PR Newswire Association Inc
File 813:PR Newswire 1987-1999/Apr 30
    (c) 1999 PR Newswire Association Inc
File 16:Gale Group PROMT(R) 1990-2010/Aug 10
    (c) 2010 Gale/Cengage
File 160:Gale Group PROMT(R) 1972-1989
    (c) 1999 The Gale Group
File 634:San Jose Mercury Jun 1985-2010/Aug 10
    (c) 2010 San Jose Mercury News
File 148:Gale Group Trade & Industry DB 1976-2010/Aug 10
    (c) 2010 Gale/Cengage
File 20:Dialog Global Reporter 1997-2010/Aug 11
    (c) 2010 Dialog
File 35:Dissertation Abs Online 1861-2010/Jul
    (c) 2010 ProQuest Info&Learning
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
    (c) 2002 Gale/Cengage
File 65:Inside Conferences 1993-2010/Aug 11
    (c) 2010 BLDSC all rts. reserv.
File   2:INSPEC 1898-2010/Aug W1

(c) 2010 The IET
File 474:New York Times Abs 1969-2010/Aug 11
    (c) 2010 The New York Times
File 475:Wall Street Journal Abs 1973-2010/Aug 11
    (c) 2010 The New York Times
File 99:Wilson Appl. Sci & Tech Abs 1983-2010/May
    (c) 2010 The HW Wilson Co.
File 256:TecTrends 1982-2010/Aug W2
    (c) 2010 Info.Sources Inc. All rights res.

Set   Items   Description
S1   5   AU=(KANANGHINIS, J? OR PHELON, D? OR HEBDEN, C? OR KANANGHINIS J?
OR PHELON D? OR HEBDEN C?)

  File 348:EUROPEAN PATENTS 1978-201030
    (c) 2010 European Patent Office
File 347:JAPIO Dec 1976-2010/Apr(Updated 100726)
    (c) 2010 JPO & JAPIO
File 349:PCT FULLTEXT 1979-2010/UB=20100805|UT=20100729
    (c) 2010 WIPO/Thomson
File 350:Derwent WPIX 1963-2010/UD=201050
    (c) 2010 Thomson Reuters

Set   Items   Description
S1   4   AU=(KANANGHINIS, J? OR PHELON, D? OR HEBDEN, C? OR KANANGHINIS J?
OR PHELON D? OR HEBDEN C?)

S2   4   IDPAT (sorted in duplicate/non-duplicate order)
S3   2   IDPAT (primary/non-duplicate records only)

1/5,K/2 (Item 1 from file: 2)
DIALOG(R)File 2: INSPEC
(c) 2010 The IET. All rights reserved.

04246786
Title: Software engineering for AUTOCOM IV
Author(s): Hebden, C.

Book Title: Software engineering: the decade of change
Inclusive Page Numbers: 199-213
Publisher: Peter Peregrinus, London
Country of Publication: UK
Publication Date: 1986
Editor(s): Ince, D.
ISBN: 0-86341-083-9
Number of Pages: 231
Language: English
Document Type: Book Chapter (BC)
Treatment: Practical (P)
Abstract: The relatively new discipline of software engineering is becoming better equipped with tools. The author describes a significant system development which employed software engineering disciplines and assesses the need for more tools. The project discussed is AUTOCOM IV, a communications system for the Meteorological Office. It is shown that even in the two year lifetime of the project new tools have emerged which would have been of great benefit had they been available earlier. Even so, the simple fact that the best disciplines were applied has led to a well-engineered system which is being completed to a well-managed plan, which will go into service as being inherently flexible to accommodate future operational changes. (2 refs.)
Subfile(s): C (Computing & Control Engineering)
Descriptors: data communication systems; DP management; software engineering; software tools
Identifiers: software tools; DP management; AUTOCOM IV; software engineering; communications system; Meteorological Office
Classification Codes: C0310F (Software development management); C6110B (Software engineering techniques); C6115 (Programming support)
International Patent Classification:
G06F-0009/44 (Arrangements for executing specific programmes)
INSPEC Update Issue: 1988-023
Copyright: 1988, IEE
Author(s): Hebden, C.

Dialog eLink: USPTO Full Text Retrieval Options
1/5,K/3 (Item 2 from file: 2)
DIALOG(R)File 2: INSPEC

03857529
Title: Encrypting closed user group teletext
Author(s): Hebden, C.; Hobbs, R.
Journal: Computer Fraud & Security Bulletin , vol.8 , no.9 , pp.9-10
Country of Publication: UK
Publication Date: July 1986
ISSN: 0142-0496

ISSN Type: print
CODEN: CFSBEK
U.S. Copyright Clearance Center Code: 0142-0496/86/$0.00+2.20
Language: English
Document Type: Journal Paper (JP)
Treatment: Practical (P)

Abstract: A `digital signature' using RSA techniques is formed by encoding some unique recognisable set of bits under the private key. A good source for this is the sumcheck on the whole message (or page in teletext, presumably). The resulting encrypted data forms the signature (the public key is not the signature). The initials `DES' stand for DATA Encryption Standard of course, not digital electron signature. DES refers to a conventional secret key system using a symmetrical algorithm published by the US National Bureau of Standards. DES keys are 64 bits (56 bits key plus 8 bits parity). (0 refs.)
Subfile(s): B (Electrical & Electronic Engineering); C (Computing & Control Engineering)
Descriptors: cryptography
Identifiers: digital signature; RSA techniques; sumcheck; encrypted data; DATA Encryption Standard; digital electron signature; DES; US National Bureau of Standards
Classification Codes: B6120B (Codes); C0230 (Economic, social and political aspects of computing); C6130 (Data handling techniques)
International Patent Classification:
G06F-0007/00 (Methods or arrangements for processing data by operating upon the order or content of the data handled)
H03M (Coding, decoding or code conversion, in general)
INSPEC Update Issue: 1987-010
Copyright: 1987, IEE
Author(s): Hebden, C.; Hobbs, R.

Dialog eLink: USPTO Full Text Retrieval Options
1/5,K/4 (Item 3 from file: 2)
DIALOG(R)File 2: INSPEC

03686638
Title: Secure authentication in a local area network
Author(s): Hebden, C.T.
Book Title: System Security - The Technical Challenge. Proceedings of the International Conference
Inclusive Page Numbers: 119-28
Publisher: Online Publications, Pinner
Country of Publication: UK
Publication Date: 1985
Conference Title: System Security - The Technical Challenge. International Conference
Conference Date: 2 Oct. 1985
Conference Location: London, UK
Conference Sponsor: Online Conferences

ISBN: 0-86353-033-8
Number of Pages: xiv+276
Language: English
Document Type: Conference Paper (PA)
Treatment: Practical (P)

Abstract: Local Area Network (LAN) technology has been developed to allow flexible low cost access by users to a variety of processing resources. The ease of device connection and the freedom of devices to communicate with each other over a LAN presents severe security problems in systems which process sensitive information. These problems are important, as well as difficult to counter, because LAN-based systems generally make available large amounts of information to a great many users. Thus, LAN-based systems are often highly attractive targets to would-be infiltrators. This paper discusses the nature of these problems, examines some of the possible counter-measures and indicates some of the areas for research work aimed at extending the use of LANs in sensitive environments. In particular the paper discusses the requirements for a secure authentication server which would make the infiltrator's task far more difficult. (0 refs.)
Subfile(s): C (Computing & Control Engineering)
Descriptors: local area networks; security of data
Identifiers: local area network; secure authentication server
Classification Codes: C5620L (Local area networks)
International Patent Classification:
H04L-0012/28 (Characterised by path configuration, e.g. lan [local area networks] or wan [wide area networks])
INSPEC Update Issue: 1986-013
Copyright: 1986, IEE
Author(s): Hebden, C.T.

Dialog eLink: USPTO Full Text Retrieval Options
1/5,K/5 (Item 4 from file: 2)
DIALOG(R)File 2: INSPEC
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01885109
Title: Message switching and distribution
Author(s): Hebden, C.
Journal: Communications International , vol.2 , no.10 , pp.32-6, 38
Country of Publication: UK
Publication Date: Nov. 1975
ISSN: 0305-2109
ISSN Type: print
CODEN: CINTDZ
Language: English
Document Type: Journal Paper (JP)
Treatment: General or Review (G)

Abstract: The paper outlines some of the main features of message switching systems. It provides an indication of the unusual demands placed upon designers of such systems in that several disciplines are required. The design of a large message switch requires both sound real-time systems design techniques, to ensure rapid response to users and operators, and a measure of expertise in the area of time-sharing data processing systems with the emphasis on file management capability. Several methods of meeting the reliability aspect have been described, but most of these have proved a requirement for a special operating system and are not proof against the inevitable software `bugs'. This has led to the consideration of multi-system designs which have the added advantage of segregating the conflicting requirements of true message switching from the supporting facilities such as message retrieval and statistical analysis of traffic. (*0 refs.*)

Subfile(s): B (Electrical & Electronic Engineering); C (Computing & Control Engineering)

Descriptors: data communication systems; switching systems

Identifiers: message switching systems; design; time sharing data processing system

Classification Codes: B6230 (Switching centres and equipment); C5600 (Data communication equipment and techniques)

International Patent Classification:

H04Q (Selecting)

INSPEC Update Issue: 1976-003

Copyright: 1976, IEE

Author(s): Hebden, C.

Dialog eLink: Order File History
3/3,K/2 (Item 2 from file: 350)
DIALOG(R)File 350: Derwent WPIX
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0014119791 *Drawing available*
WPI Acc no: 2004-304266/200428
XRPX Acc No: N2004-242300

Integrated business and information technology framework modeling method involves generating plan for implementation and deployment of information technology within graphical representation of overall architecture

Patent Assignee: HEBDEN C T (HEBD-I); KANANGHINIS J (KANA-I); PHELON D W (PHEL-I)

Inventor: **HEBDEN C T; KANANGHINIS J; PHELON D W**

Patent Family (1 patents, 1 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20040059611	A1	20040325	US 1999378514	A	19990820	200428	B
			US 2003606661	A	20030625		

Priority Applications (no., kind, date): US 1999378514 A 19990820; US 2003606661 A 20030625

Patent Details					
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 20040059611	A1	EN	18	12	C-I-P of application US 1999378514

Inventor: **HEBDEN C T... ...KANANGHINIS J... ...PHELON D W** Original Publication Data by AuthorityArgentina**Publication No.** Inventor name & address:**Kananghinis**, John... ...**Phelon, Daniel W... ...Hebden, Colin T**

III. Text Search Results from Dialog (Full Text dbs)
A. Full-Text Databases – PATENT

File 348:EUROPEAN PATENTS 1978-200950
    (c) 2009 European Patent Office
File 349:PCT FULLTEXT 1979-2009/UB=20091210|UT=20091203
    (c) 2009 WIPO/Thomson

```
Set      Items    Description

S1    3239212    (PARALLEL OR CORRESPOND? OR MATCHING OR IDENTICAL OR RELATED OR
ONE(2W)ONE OR ASSOCIATED OR SIMILAR OR SAME)(3N)(CONCEPTS OR MODULE? OR CHARACTERI?
OR TERMINOLOG? OR ENTR??? OR LABEL? OR LIST??? OR TERM? ? OR MEASURE? OR OBJECTIVE?
OR PURPOSES OR AIM? ? OR GOAL?? OR TOOL? ? OR METHOD? ? OR PROCESSES OR SOFTWARE OR
PROGRAM? OR STEP? ? OR KEYS)

S2      85317    (SECURITY OR PROTECTION OR FIREWALL OR GUARD??? OR (DATA OR
ACCESS???)(2N)(BLOCK??? OR AUTHORI??? OR ALLOW? OR PROHIBIT? OR SAFETY) OR
ANTI()HACK? OR ANTIHACK? OR ANTI()COMPROMISE OR NORTON OR ANTIVIRUS OR
ANTI()VIRUS)(4N)(TRANSITION? OR UPGRAD??? OR CHANGEOVER OR CHANG?()OVER OR UPDATING
OR (FUTURE OR INTENDED OR NEWLY OR NEWER OR NEWEST OR ANTICIPATED OR UPCOMING
AFTER)(3N)(PAST OR PRIOR OR EARLIER OR PREVIOUS OR EXISTING OR AFTER OR CURRENT OR
PREVAILING OR BEFORE OR NOW))

S3      68075    (COMPUTER? ? OR SYSTEM? ? OR HARDWARE OR NETWORK? ? OR I()T OR
INFORMATION()TECH? OR ARCHITECTUR?? OR DESIGN? ? OR MODULE? OR CODING OR CONFIGUR?)

S4         88    S1(3N)S2

S5         42    S4(12N)S3

S6         20    S5 FROM 348,349

S7         22    S5 NOT S6

S8         11    S6 NOT AY>2003

S9         14    RD S7   (unique items)

S10         9    S9 NOT PY>2003
```

8/3K/10 (Item 4 from file: 349)
DIALOG(R)File 349: PCT FULLTEXT

00802534

ANY-TO-ANY COMPONENT COMPUTING SYSTEM
SYSTEME INFORMATIQUE A COMPOSANTS TOUTE CATEGORIE

Patent Applicant/Patent Assignee:

- **E-BRAIN SOLUTIONS LLC**
  1200 Mountain Creek Road, Suite 440, Chattanooga, TN 34705; US; US(Residence);
  US(Nationality); (For all designated states except: US)

Patent Applicant/Inventor:

- **WARREN Peter**
  1200 Mountain Creek Road, Suite 440, Chattanooga, TN 37405; US; GB(Residence);
  GB(Nationality); (Designated only for: US)
- **LOWE Steven**
  1625 Starboard Drive, Hixson, TN 37343; US; US(Residence); US(Nationality); (Designated
  only for: US)

Legal Representative:

- **MEHRMAN Michael J (agent)**
  Paper Mill Village, Building 23, 600 Village Trace, Suite 300, Marietta, GA 30067; US

	Country	Number	Kind	Date
Patent	WO	200135216	A2-A3	20010517
Application	WO	2000US31231		20001113
Priorities	US	99164884		19991112

Designated States: (Protection type is "Patent" unless otherwise stated - for applications prior to 2004)
AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG,
BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE,
DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG,
KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV,
MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ,
PL, PT, RO, RU, SD, SE, SG, SI, SK, SL,
TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN,
YU, ZA, ZW

[EP] AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;
GR; IE; IT; LU; MC; NL; PT; SE; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML;
MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ; UG; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;
Language Publication Language: English

Filing Language: English

Fulltext word count: 275671

Claims:

...the same field as the NCL number 57 in the data record indicates that'the code is intended to operate on the data in the **corresponding** field of the **previous** record. The next record may then be another code record, such as an input/output record, for operating on the same data item. Again, the...

....

Dialog eLink: Order File History

DIALOG(R)File 348: EUROPEAN PATENTS
(c) 2010 European Patent Office. All rights reserved.
8/3K/5 (Item 5 from file: 348)
01552400

Image forming apparatus, program updating method and recording medium
Bilderzeugungsgerat, Verfahren zum Aktualisieren von Programmen und Informationsaufzeichnungsmedium
Appareil de formation d'images, methode de mise a jour des programmes et milieu d'enregistrement d'information

Patent Assignee:

- **Ricoh Company, Ltd.** (209037)
  3-6, Nakamagome 1-chome, Ohta-ku; Tokyo 143-8555 (JP)
  (Proprietor designated states: all)

Inventor:

- **Kawaura, Hisanori**
  283, Iwaicho,Hodogaya-ku; Yokohama-shi,Kanagawa; (JP)

Legal Representative:

- **Senior, Alan Murray (35712)**
  J.A. KEMP & CO., 14 South Square, Gray's Inn; London WC1R 5JJ; (GB)

	Country	Number	Kind	Date	
Patent	EP	1292102	A2	20030312	(Basic)
Patent	EP	1292102	A3	20030521	
Patent	EP	1292102	B1	20060517	
Application	EP	2002255918		20020827	
Priorities	JP	2001257044		20010827	
	JP	2002241389		20020822	

Designated States:
DE; FR; GB

Extended Designated States:
AL; LT; LV; MK; RO; SI

International Patent Class (V7): H04N-001/047; H04N-001/00; H04N-001/32; G03G-015/00

International Classification (Version 8) IPC	Level	Value	Position	Status	Version	Action	Source	Office
H04N-0001/047	A	I	F	B	20060101	20021220	H	EP
H04N-0001/00	A	I	L	B	20060101	20030401	H	EP
H04N-0001/32	A	I	L	B	20060101	20030401	H	EP
G03G-0015/00	A	I	L	B	20060101	20030401	H	EP

Abstract Word Count: 145
NOTE: Figure number on first page: 1
Language Publication: English
Procedural:　　　　English
Application:　　　　English

Fulltext Availability Available Text	Language	Update	Word Count
CLAIMS A	(English)	200311	1607
SPEC A	(English)	200311	13577
CLAIMS B	(English)	200620	1652
CLAIMS B	(German)	200620	1224
CLAIMS B	(French)	200620	2028
SPEC B	(English)	200620	13555
Total Word Count (Document A) 15187			
Total Word Count (Document B) 18459			

Fulltext Availability	Available Text	Language	Update	Word Count
Total Word Count (All Documents) 33646				

Specification: ...to the control service or application which operates in the composite apparatus 100 or the acquired model identification information does not exist within the header **block**, the **updating data corresponding** to the present **module** ID is not selected, and the process of the steps S1204 through S1206 is not carried out.

In the step S1207, the ROM updating mode...

Specification: ...to the control service or application which operates in the composite apparatus 100 or the acquired model identification information does not exist within the header **block**, the **updating data corresponding** to the present **module** ID is not selected, and the process of the steps S1204 through S1206 is not carried out.

In the step S1207, the ROM updating mode...

Dialog eLink: Order File History
8/3K/9 (Item 3 from file: 349)
DIALOG(R)File 349: PCT FULLTEXT
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00884966

MAINTAINING VIRUS DETECTION SOFTWARE
MISE A JOUR D'UN LOGICIEL DE DETECTION DE VIRUS

Patent Applicant/Patent Assignee:

- **F-SECURE OYJ**
  Tammasaarankatu 7, PL 24, Helsinki, FIN-00180 Helsinki; FI; FI(Residence); FI(Nationality); (For all designated states except: US)

Patent Applicant/Inventor:

- **HYPPONEN Ari**
  Joutsenpolku 25, FIN-10160 Degerby; FI; FI(Residence); FI(Nationality); (Designated only for: US)

Legal Representative:

- **LIND Robert (agent)**
  Marks & Clerk, 4220 Nash Court, Oxford Business Park South, Oxford, Oxfordshire OX4 2RU; GB

	Country	Number	Kind	Date
Patent	WO	200219067	A2-A3	20020307
Application	WO	2001EP9643		20010820
Priorities	GB	200021278		20000831

Designated States: (Protection type is "Patent" unless otherwise stated - for applications prior to 2004)
AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG,
BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ,
DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD,
GE, GH, GM, HR, HU, ID, IL, IN, IS, JP,
KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,
LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ,
NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI,
SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US,
UZ, VN, YU, ZA, ZW

[EP] AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;
GR; IE; IT; LU; MC; NL; PT; SE; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW;
ML; MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ;
UG; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;
Language Publication Language: English

Filing Language: English

Fulltext word count: 3652

Detailed Description:

...and database updates;
Figure 2 illustrates the software architecture of a mobile wireless device; and Figure 3 is a flow diagram illustrating a method of **updating anti-virus software** and an **associated** database of the device of Figure 2 using the **network** of Figure 1.

There is illustrated in Figure 1 a Public Land Mobile Network (PLMN) 1 which is the home network of a subscriber using...

B. Full-Text Databases – NON-PATENT

File 15:ABI/Inform(R) 1971-2010/Aug 11
    (c) 2010 ProQuest Info&Learning
File   9:Business & Industry(R) Jul/1994-2010/Aug 11
    (c) 2010 Gale/Cengage
File 610:Business Wire 1999-2010/Aug 12
    (c) 2010 Business Wire.
File 810:Business Wire 1986-1999/Feb 28
    (c) 1999 Business Wire
File 275:Gale Group Computer DB(TM) 1983-2010/Jul 01
    (c) 2010 Gale/Cengage
File 624:McGraw-Hill Publications 1985-2010/Aug 12
    (c) 2010 McGraw-Hill Co. Inc
File 621:Gale Group New Prod.Annou.(R) 1985-2010/Jun 22
    (c) 2010 Gale/Cengage
File 636:Gale Group Newsletter DB(TM) 1987-2010/Aug 11
    (c) 2010 Gale/Cengage
File 613:PR Newswire 1999-2010/Aug 12
    (c) 2010 PR Newswire Association Inc
File 813:PR Newswire 1987-1999/Apr 30
    (c) 1999 PR Newswire Association Inc
File 16:Gale Group PROMT(R) 1990-2010/Aug 11
    (c) 2010 Gale/Cengage
File 160:Gale Group PROMT(R) 1972-1989
    (c) 1999 The Gale Group
File 634:San Jose Mercury Jun 1985-2010/Aug 11
    (c) 2010 San Jose Mercury News
File 148:Gale Group Trade & Industry DB 1976-2010/Aug 11
    (c) 2010 Gale/Cengage
File 20:Dialog Global Reporter 1997-2010/Aug 12
        (c) 2010 Dialog


```
Set     Items   Description

S1    3239212   (PARALLEL OR CORRESPOND? OR MATCHING OR IDENTICAL OR RELATED OR
ONE(2W)ONE OR ASSOCIATED OR SIMILAR OR SAME)(3N)(CONCEPTS OR MODULE? OR CHARACTERI?
OR TERMINOLOG? OR ENTR??? OR LABEL? OR LIST??? OR TERM? ? OR MEASURE? OR OBJECTIVE?
OR PURPOSES OR AIM? ? OR GOAL?? OR TOOL? ? OR METHOD? ? OR PROCESSES OR SOFTWARE OR
PROGRAM? OR STEP? ? OR KEYS)

S2      85317   (SECURITY OR PROTECTION OR FIREWALL OR GUARD??? OR (DATA OR
ACCESS???)(2N)(BLOCK??? OR AUTHORI??? OR ALLOW? OR PROHIBIT? OR SAFETY) OR
ANTI()HACK? OR ANTIHACK? OR ANTI()COMPROMISE OR NORTON OR ANTIVIRUS OR
ANTI()VIRUS)(4N)(TRANSITION? OR UPGRAD??? OR CHANGEOVER OR CHANG?()OVER OR UPDATING
OR (FUTURE OR INTENDED OR NEWLY OR NEWER OR NEWEST OR ANTICIPATED OR UPCOMING
```

```
AFTER)(3N)(PAST OR PRIOR OR EARLIER OR PREVIOUS OR EXISTING OR AFTER OR CURRENT OR
PREVAILING OR BEFORE OR NOW))

S3       68075   (COMPUTER? ? OR SYSTEM? ? OR HARDWARE OR NETWORK? ? OR I()T OR
INFORMATION()TECH? OR ARCHITECTUR?? OR DESIGN? ? OR MODULE? OR CODING OR CONFIGUR?)

S4        88   S1(3N)S2

S5        42   S4(12N)S3

S6        20   S5 FROM 348,349

S7        22   S5 NOT S6

S8        11   S6 NOT AY>2003

S9        14   RD S7  (unique items)

S10        9   S9 NOT PY>2003
```

10/3,K/1 (Item 1 from file: 15)
DIALOG(R)File 15: ABI/Inform(R)

01387766   00-38753
System maintenance that sings

Truncer, Earl; Field, Susan
Security Management v41n3 pp: 95-97
Mar 1997
ISSN: 0145-9406 **Journal Code:** SEM
Word Count: 2176
Text:
```
...degree of the problem, the security manager may have to rely solely on
backup tapes to restore the system-especially if the computer's operating
```
system has to be reinstalled.

```
Good management procedures will minimize the risks associated with
```
upgrading software. The **security** manager should start
```
by checking with the software manufacturer when planning an upgrade. The
manufacturer can advise a company about compatibility and memory capacity
issues...
```

10/3,K/3 (Item 1 from file: 636)
DIALOG(R)File 636: Gale Group Newsletter DB(TM)

03405819   **Supplier Number:** 47009262 **(USE FORMAT 7 FOR FULLTEXT)**

THIN CLIENT ARCHITECTURE: THE PROMISE AND THE PROBLEMS
Online Libraries & Microcomputers , v 15 , n 1 , p N/A
Jan 1 , 1997
Language: English   **Record Type:** Fulltext
Document Type: Newsletter ; Professional Trade
Word Count: 1909
-
```
...at home can have the same access as if in the office.
     * Provision of Universal Access. Central software management will
allow everyone to use the same version of software and new
upgrades are easy to deploy.
     * Security both at the desktop and the network level is
easier to control. This may help reduce users loading unwanted applications
and may help reduce the introduction of unwanted viruses.
     * Reliable server-based...
```

....

10/3,K/6 (Item 1 from file: 16)
DIALOG(R)File 16: Gale Group PROMT(R)
(c) 2010 Gale/Cengage. All rights reserved.

10096598   **Supplier Number:** 91088081 **(USE FORMAT 7 FOR FULLTEXT)**

Digital CCTV--an easy fix, but an intrusive option? (Specifier's Notebook).(Brief Article)
Crockett, Jim
Consulting Specifying Engineer , v 32 , n 2 , p 64(1)
August , 2002
Language: English   **Record Type:** Fulltext
Article Type: Brief Article
Document Type: Magazine/Journal ; Trade
Word Count: 674
-
```
...these systems."
     Gillick, however, cautions that strategic plans should not be
overlooked. "The bottom line is that business continuity plans go
hand-in-hand with security system upgrades," he says.
     RELATED ARTICLE: Sound security measures
     * Background checks
     * Restrict access
     * Install entry barriers
     * Involve management in the overall plan
```

IV. Text Search Results from Dialog (Abstract dbs)

A. Abstract Databases -- Patent

File 347:JAPIO Dec 1976-2009/Nov(Updated 100228)
(c) 2010 JPO & JAPIO
File 350:Derwent WPIX 1963-2010/UD=201019
(c) 2010 Thomson Reuters

```
Set      Items    Description
S1    1422397    (PARALLEL OR CORRESPOND? OR MATCHING OR IDENTICAL OR RELATED OR
PAIRED OR  PAIRING OR LIKE(2X)LIKE OR ONE(2W)ONE OR ASSOCIATED OR SIMILAR OR
SAME)(3N)(CONCEPTS OR  MODUL?? OR CHARACTERI? OR TERMINOLOG? OR ENTR??? OR LABEL?
OR LIST??? OR TERM? ? OR MEASURE? OR OBJECTIVE? OR PURPOSES OR AIM? ? OR GOAL?? OR
TOOL? ? OR METHOD? ? OR  PROCESSES OR SOFTWARE OR PROGRAM? OR STEP? ? OR KEYS)

S2        394    (SECURITY OR PROTECTION OR FIREWALL OR GUARD??? OR (DATA OR
ACCESS???)(2N)(BLOCK??? OR AUTHORI??? OR ALLOW? OR PROHIBIT? OR SAFETY) OR
ANTI()HACK?  OR ANTIHACK? OR ANTI()COMPROMISE OR NORTON OR ANTIVIRUS OR
ANTI()VIRUS)(4N)(TRANSITION? OR UPGRAD??? OR CHANGEOVER OR CHANG?()OVER OR UPDATING
OR (FUTURE OR INTENDED OR NEWLY
 OR NEWER OR NEWEST OR ANTICIPATED OR UPCOMING AFTER)(3N)(PAST OR PRIOR OR EARLIER
OR PREVIOUS OR EXISTING OR AFTER OR CURRENT OR PREVAILING OR BEFORE OR NOW))

S3        365    (COMPUTER? ? OR SYSTEM? ? OR HARDWARE OR NETWORK? ? OR I()T OR
INFORMATION()TECH? OR ARCHITECTUR?? OR DESIGN? ? OR MODULE? OR CODING OR CONFIGUR?)

S4        155    S1(S)S2
S5        104    S4(S)S3
S6         95    S5 FROM 347,350
S7          9    S5 NOT S6
S8          9    RD   (unique items)
S9          6    S8 NOT PY>2003
S10        48    S6 NOT AY>2003
```

10/3,K/19 (Item 18 from file: 350)
DIALOG(R)File 350: Derwent WPIX
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0013331751 *Drawing available*
WPI Acc no: 2003-419160/200339
XRPX Acc No: N2003-334547
Computer program product used in computer programming environment has computer-readable

program coding portion having two virtual function tables for accessing call interpreter and for calling one function
Patent Assignee: IBM CANADA LTD (IBMC); INT BUSINESS MACHINES CORP (IBMC)
Inventor: GRAY-DONALD T; JOHNSON G; STOODLEY K A; WANG J Z L

Patent Family (3 patents, 2 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20030046449	A1	20030306	US 2001940127	A	20010827	200339	B
CA 2355990	A1	20030227	CA 2355990	A	20010827	200339	NCE
US 7032230	B2	20060418	US 2001940127	A	20010827	200627	E

Priority Applications (no., kind, date): US 2001940127 A 20010827; CA 2355990 A 20010827

Patent Details					
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 20030046449	A1	EN	9	1	
CA 2355990	A1	EN			

Original Publication Data by AuthorityArgentina**Publication No.** ...**Claims:**each compilation entry being associated with a function in the set of functions and pointing to either a corresponding block of executable code or to **a** corresponding **block** of interpreter **transition** code, andin which the interpreter **transition** code **corresponding to** a **compilation entry** for a selected **associated** function is executable to access the function data structure pointed to by the interpretation **entry** for **the** said selected associated function.

Dialog eLink: Order File History
10/3,K/44 (Item 43 from file: 350)
DIALOG(R)File 350: Derwent WPIX
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0005913202 *Drawing available*
WPI Acc no: 1992-142842/199218
XRPX Acc No: N1992-106895
Rule driven transaction management for distributed computation - creating computational agents programmed to progress through sequence of transitions with predicate sets denoting relationship, blocking certain states
Patent Assignee: DIGITAL EQUIP CORP (DIGI)
Inventor: CHANG E Y; CHANG E Y U; CHENG E C; CHENG E C M; KLEIN J; LEE D L; LEE D L W ; LU E S; LUTGARDO A

EP 482761	A	19920429; EP 91308069 6 countries	19910924	199218	B
Patent Number	Kind	19920430 Application Number	Kind	19920421 Update	Type

CA 2052132	A	19920424	CA 2052132	A	19910924	199228	E
EP 482761	A3	19930512	EP 1991308669	A	19910924	199402	E
AU 644477	B	19931209	AU 199186028	A	19911021	199405	E
US 5329626	A	19940712	US 1990601990	A	19901023	199427	E
EP 482761	B1	19990804	EP 1991308669	A	19910924	199935	E
DE 69131500	E	19990909	DE 69131500	A	19910924	199943	E
			EP 1991308669	A	19910924		

Priority Applications (no., kind, date): US 1990601990 A 19901023

Patent Details						
Patent Number	**Kind**	**Lan**	**Pgs**	**Draw**	**Filing Notes**	
EP 482761	A	EN	26	14		
Regional Designated States,Original	DE FR GB IT NL					
CA 2052132	A	EN				
EP 482761	A3	EN				
AU 644477	B	EN			Previously issued patent	AU 9186028
US 5329626	A	EN	20	14		
EP 482761	B1	EN				
Regional Designated States,Original	DE FR GB IT NL					
DE 69131500	E	DE			Application	EP 1991308669
					Based on OPI patent	EP 482761

Original Publication Data by AuthorityArgentina**Publication No. ...Claims:**transition to proceed when said action specified by the corresponding predicate is performed; the dynamically assigning step including storing in at least one computer memory (**240**) dependency **data for** each **computational** agent specifying (A) a first set of state transitions of the computational agent that is to be blocked, (B) pre-conditions for allowing **each** of the first set of state transitions to proceed, (C) a second set of state transitions of the computational agent that are pre-conditions for...

Dialog eLink: Order File History
10/3,K/30 (Item 29 from file: 350)
DIALOG(R)File 350: Derwent WPIX
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0010492866 *Drawing available*

WPI Acc no: 2001-093592/200111
XRPX Acc No: N2001-070996
Flexible channelizer for adapting a multiple-rate processing algorith and narrow-band channel frequency spacing for implementing orthogonal channels of different input rates
Patent Assignee: TRW INC (THOP)
Inventor: LOSEKE C N

Patent Family (5 patents, 28 countries)							
Patent Number	**Kind**	**Date**	**Application Number**	**Kind**	**Date**	**Update**	**Type**
EP 1052799	A2	20001115	EP 2000110111	A	20000510	200111	B
CA 2307907	A1	20001110	CA 2307907	A	20000509	200111	E
JP 2001007880	A	20010112	JP 2000136650	A	20000510	200118	E
US 6449244	B1	20020910	US 1999307696	A	19990510	200263	E
JP 3476744	B2	20031210	JP 2000136650	A	20000510	200382	E

Priority Applications (no., kind, date): US 1999307696 A 19990510

Patent Details					
Patent Number	**Kind**	**Lan**	**Pgs**	**Draw**	**Filing Notes**
EP 1052799	A2	EN	26	8	
Regional Designated States,Original	AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI				
CA 2307907	A1	EN			
JP 2001007880	A	JA	23		
JP 3476744	B2	JA	22		Previously issued patent JP 2001007880

Original Publication Data by AuthorityArgentina**Publication No. ...Claims:**outputs, and phase shifting operations in accordance with a number of shifts to produce phase adjusted outputs; anda plurality of discrete Fourier transform (DFT) **modules**, arranged in **parallel** to receive **respective** ones of **said** phase adjusted outputs, which perform discrete Fourier transform (DFT) computations to produce said individual channels at a different data rate... ... outputs, and phase shifting operations in accordance with a number of shifts to produce phase adjusted outputs; anda plurality of discrete Fourier transform (DFT) **modules**, arranged in **parallel** to receive respective ones of said phase adjusted outputs, which perform discrete **Fourier** transform (DFT) **computations** to produce said individual channels at a different data rate.

Dialog eLink: Order File History
10/3,K/2 (Item 1 from file: 350)
DIALOG(R)File 350: Derwent WPIX

0017759851 *Drawing available*
WPI Acc no: 2008-F80305/200837
XRPX Acc No: N2008-453147
Server's e.g. windows new technology server, security configuration updating method, involves identifying authorized users or authorized groups of users of files and resources associated with lists
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)
Inventor: REID W J

Patent Family (1 patents, 1 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 7373654	B1	20080513	US 2000620350	A	20000720	200837	B

Priority Applications (no., kind, date): US 2000620350 A 20000720

Patent Details					
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 7373654	B1	EN	11	5	

Server's e.g. windows new technology server, security configuration updating method, involves identifying authorized users or authorized groups of users of files and resources associated with lists Alerting Abstract ...update command. The downloaded changed security information is used to update security configurations of the servers, where the configurations are updated by updating security parameter **lists** (170) **associated** with a set of files and resources. The lists identify authorized users or authorized groups of users of the files and resources **associated** with the **lists**. Original Publication Data by AuthorityArgentina**Publication No.** ...**Original Abstracts:**server and then downloading these changes to the plurality of servers. The changes are used by the plurality of servers to update the security parameter **lists associated** with the files/resources of the server. ...**Claims:**to update the security configurations of the plurality of servers, wherein the security configurations of the plurality of servers are updated by updating security parameter **lists associated** with at least one of files and resources associated with each of the plurality of servers, and wherein the security parameter lists identify authorized users...

Dialog eLink: Order File History
10/3,K/21 (Item 20 from file: 350)
DIALOG(R)File 350: Derwent WPIX
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0013293488 *Drawing available*
WPI Acc no: 2003-380167/200336

XRPX Acc No: N2003-303581
Tabular data stream creation method in computer network, involves packaging worksheet grid form to represent updated data for tabular data stream
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)
Inventor: BALA C G; JOBSON T A; KOLB F J; MERZBACH B L; QUINTERO C L; SELVIA S

Patent Family (2 patents, 1 countries)							
Patent Number	**Kind**	**Date**	**Application Number**	**Kind**	**Date**	**Update**	**Type**
US 20030018644	A1	20030123	US 2001886547	A	20010621	200336	B
US 7013312	B2	20060314	US 2001886547	A	20010621	200620	E

Priority Applications (no., kind, date): US 2001886547 A 20010621

Patent Details				
Patent Number	**Kind**	**Lan**	**Pgs**	**Draw**	**Filing Notes**
US 20030018644	A1	EN	36	7	

Original Publication Data by AuthorityArgentina**Publication No. ...Claims:**data across multiple tables, andwherein said updating of said database of said worksheet grid form includes allowing only selected tables, rows, and columns to **be** updated by **authorized users.>**

Dialog eLink: Order File History
10/3,K/35 (Item 34 from file: 350)
DIALOG(R)File 350: Derwent WPIX
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0008943563
WPI Acc no: 1998-495322/199842
XRPX Acc No: N1998-386939
Multi-host data storage system with streamline data on exchange path - transfers data block from host to cache using data path, by maintaining shared data resource in unlocked state and making an entry corresponding to data block in directory
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)
Inventor: LEGVOLD V J

Patent Family (1 patents, 1 countries)							
Patent Number	**Kind**	**Date**	**Application Number**	**Kind**	**Date**	**Update**	**Type**
US 5802547	A	19980901	US 1996729899	A	19961015	199842	B

Priority Applications (no., kind, date): US 1996729899 A 19961015

Patent Number	**Kind**	**Lan**	**Pgs**	**Draw**	**Filing Notes**

US 5802547	A	EN	13	6	

Original Publication Data by AuthorityArgentina**Publication No. ...Claims:**the cache while leaving the shared data resource in an unlocked condition; andduring transferring of the first data block marking in a directory an **entry corresponding** to the first data block to prevent access of the first data block by other hosts.

Dialog eLink: Order File History
10/3,K/12 (Item 11 from file: 350)
DIALOG(R)File 350: Derwent WPIX
(c) 2010 Thomson Reuters. All rights reserved.

0014020686 *Drawing available*
WPI Acc no: 2004-202379/200419
XRPX Acc No: N2004-160894
Harmful software objects e.g. ActiveX controls, identifying method for testing security risks, involves identifying controls of interest from set of software objects and tracking their changes by storing information about controls
Patent Assignee: MICROSOFT CORP (MICT)
Inventor: AKHTAR I; GALLAGHER T P; LANDAUER L G

Patent Family (2 patents, 1 countries)							
Patent Number	**Kind**	**Date**	**Application Number**	**Kind**	**Date**	**Update**	**Type**
US 20040025043	A1	20040205	US 2002155354	A	20020522	200419	B
US 7577941	B2	20090818	US 2002155354	A	20020522	200955	E

Priority Applications (no., kind, date): US 2002155354 A 20020522

Patent Details					
Patent Number	**Kind**	**Lan**	**Pgs**	**Draw**	**Filing Notes**
US 20040025043	A1	EN	23	14	

Original Publication Data by AuthorityArgentina**Publication No. ...Claims:**of interest, in a browser, the additional information providing a mechanism for tracking and verifying that the identified controls of interest have been tested for **security** concerns; **updating** the additional information through the browser; and **updating** the **security** risk information stored in the database based on the additional information updated through the browser.

Dialog eLink: Order File History
10/3,K/41 (Item 40 from file: 350)
DIALOG(R)File 350: Derwent WPIX
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0007319160
WPI Acc no: 1995-381801/199549
XRPX Acc No: N1995-279605
Programmable source address locking mechanism for managed repeater port in secure network - has address learn circuit to change port address, and address lock register to store bit value to enable or disable replacing of stored port address by address received
Patent Assignee: ADVANCED MICRO DEVICES INC (ADMI)
Inventor: LO W

Patent Family (6 patents, 20 countries)							
Patent Number	**Kind**	**Date**	**Application Number**	**Kind**	**Date**	**Update**	**Type**
TW 257910	A	19950921	TW 1995102693	A	19950321	199549	B
WO 1996015608	A1	19960523	WO 1995US13526	A	19951011	199626	E
US 5590201	A	19961231	US 1994337634	A	19941110	199707	E
EP 791260	A1	19970827	EP 1995937557	A	19951011	199739	E
			WO 1995US13526	A	19951011		
KR 1997706671	A	19971103	WO 1995US13526	A	19951011	199844	E
			KR 1997702105	A	19970331		
JP 10508996	W	19980902	WO 1995US13526	A	19951011	199845	E
			JP 1996516069	A	19951011		

Priority Applications (no., kind, date): US 1994337634 A 19941110

Patent Number	Kind	Lan	Pgs	Draw	Patent Details	
JP 10508996	W				PCT Application	WO 1995US13526
					Based on OPI patent	WO 1996015608
TW 257910	A	ZH	3	2		
WO 1996015608	A1	EN	17	2		
National Designated States,Original	JP KR					
Regional Designated States,Original	AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE					
US 5590201	A	EN	7	2		
EP 791260	A1	EN			PCT Application	WO 1995US13526
					Based on OPI patent	WO 1996015608
Regional Designated States,Original	DE FR GB					
KR 1997706671	A	KO			PCT Application	WO 1995US13526
					Based on OPI patent	WO 1996015608

Original Publication Data by AuthorityArgentina**Publication No. ...Original Abstracts:**to program time windows to disable source address updating for a particular port. The administrator may program each address lock register independently to prevent the **stored** source address **associated** with each port from being updated. The managed repeater allows the administrator to determine on a per port basis whether the managed repeater's address...

Dialog eLink: Order File History
10/3,K/23 (Item 22 from file: 350)
DIALOG(R)File 350: Derwent WPIX
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0013266563 *Drawing available*
WPI Acc no: 2003-352348/200333
XRPX Acc No: N2003-281397
Network attacks detection method involves parsing data in intrusion detection system included in firewall device, to identify data representing text
Patent Assignee: NETWORKS ASSOC TECHNOLOGY INC (NETW-N)
Inventor: HERATH N P; MAGDYCH J S; MCDONALD J R; OSBORNE A C; RAHMANOVIC T; TELLIER B E

Patent Family (1 patents, 1 countries)							
Patent Number	**Kind**	**Date**	**Application Number**	**Kind**	**Date**	**Update**	**Type**
US 6513122	B1	20030128	US 2001895500	A	20010629	200333	B

Priority Applications (no., kind, date): US 2001895500 A 20010629

Patent Details					
Patent Number	**Kind**	**Lan**	**Pgs**	**Draw**	**Filing Notes**
US 6513122	B1	EN	12	7	

Original Publication Data by AuthorityArgentina**Publication No. ...Claims:**upon differently based on the type of the attack by at least one of blocking the data, alerting an administrator, and disconnecting the remote source, **the** intrusion **detection system** further capable of **updating** the predetermined list of data representing **text** associated with attacks;**wherein** the **firewall** and the intrusion detection **system** are included in a single device.

10/3,K/34 (Item 33 from file: 350)
DIALOG(R)File 350: Derwent WPIX

0009024168 *Drawing available*
WPI Acc no: 1998-580972/199849
XRPX Acc No: N1998-452579
In-dash upgrade method of vehicle module software - uses CR-ROM drive and an interface in vehicle network using entertainment software
Patent Assignee: ANONYMOUS (ANON)

Patent Family (1 patents, 1 countries)							
Patent Number	**Kind**	**Date**	**Application Number**	**Kind**	**Date**	**Update**	**Type**
RD 414013	A	19981010	RD 1998414013	A	19980920	199849	B

Priority Applications (no., kind, date): RD 1998414013 A 19980920

Patent Details					
Patent Number	**Kind**	**Lan**	**Pgs**	**Draw**	**Filing Notes**
RD 414013	A	EN	2	1	

Alerting Abstract ...ADVANTAGE - **Allows** software or **data upgrades** to vehicle **modules** while still in the vehicle by downloading the data using the vehicle's own entertainment **system**.

10/3,K/45 (Item 44 from file: 350)
DIALOG(R)File 350: Derwent WPIX

0005706778 *Drawing available*
WPI Acc no: 1991-319666/199144
XRPX Acc No: N1991-245053
Shared data concurrency controlling method for data processor - has data blocks each with two control fields one being changed at start of update and other being changed at end of update
Patent Assignee: IBM CORP (IBMC); INT BUSINESS MACHINES CORP (IBMC)
Inventor: AMOLD M E; ARNOLD M E; BATE G P

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
EP 454610	A3	19920805	EP 1991480058	A	19910329	199336	E
EP 454610	B1	19950809	EP 1991480058	A	19910329	199544	B

DE 69107506	E	19950330	DE 69107506	A	19910329	199518	E
			EP 1991480058	A	19910329		

Priority Applications (no., kind, date): US 1990515895 A 19900427

Patent Details					
Patent Number	**Kind**	**Lan**	**Pgs**	**Draw**	**Filing Notes**
EP 454610	A	EN			
Regional Designated States,Original	DE FR GB				
EP 454610	A3	EN			
US 5255387	A	EN	8	4	
EP 454610	B1	EN	11	5	
Regional Designated States,Original	DE FR GB				
DE 69107506	E	DE			Application EP 1991480058
					Based on OPI patent EP 454610

Original Publication Data by AuthorityArgentina**Publication No. ...Claims:**first and second control fields associated with a block of data to be updated in shared memory to a value different from its present value,
updating the **data block**, and
setting **the** value **of the** second control field in shared memory to the value of the first control field...
memory, said control field associated with a block of data to be updated in shared memory, to a value different from its present value, b) **updating** the **data block**, and wherein the step of **updating** the **data block** comprises i) copying the block of data from shared memory into private storage, **ii) updating the data block** in private storage, and iii) copying the block from private storage into the **shared** memory, **c) setting** the value of the second **control** field **in shared** memory to the value of the first control field and on a query operation **d)** copying **a block** to be queried and its associated first and second control fields from shared memory to private storage, and e) further processing data contained in the block from private storage only if the values of the first and second control fields in private storage are equal, f) repeating **steps** d) **and** e) for the query operation if the values of the control fields in private storage are not equal.

Dialog eLink: Order File History
10/3,K/9 (Item 8 from file: 350)
DIALOG(R)File 350: Derwent WPIX
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0014203179 *Drawing available*

WPI Acc no: 2004-388786/200436
XRPX Acc No: N2004-309523
Network testing system, has processing apparatus to process data received from testing device, and bi-directional bridge allowing processing apparatus to communicate via bus for addressing testing device
Patent Assignee: CASH F (CASH-I); NAKAMOTO E (NAKA-I); SPIRENT COMMUNICATIONS (SPIR-N)
Inventor: CASH F; NAKAMOTO E

Patent Family (2 patents, 1 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20040088605	A1	20040506	US 2002287844	A	20021105	200436	B
US 7100091	B2	20060829	US 2002287844	A	20021105	200657	E

Priority Applications (no., kind, date): US 2002287844 A 20021105

Patent Details					
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 20040088605	A1	EN	13	6	

Original Publication Data by AuthorityArgentina**Publication No. ...Original Abstracts:**behave as through they exist on a same local bus. The architecture provided by the invention allows for the upgrading of a processing apparatus for **enhanced data** processing **performance** without changing existing adequate testing devices.

Dialog eLink: Order File History
10/3,K/17 (Item 16 from file: 350)
DIALOG(R)File 350: Derwent WPIX
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0013550179 *Drawing available*
WPI Acc no: 2003-644077/200361
XRPX Acc No: N2003-512287
Transaction system with enhanced security control functions - providing better security control mechanism for network banking system
Patent Assignee: SYSTEX CORP (SYST-N)
Inventor: SHIU J

Patent Family (1 patents, 1 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
TW 517216	A	20030111	TW 2000115479	A	20000802	200361	B

Priority Applications (no., kind, date): TW 2000115479 A 20000802

Patent Details					
Patent Number	**Kind**	**Lan**	**Pgs**	**Draw**	**Filing Notes**
TW 517216	A	ZH		1	

Alerting Abstract ...and the off-line processing operation; and, the message broadcasting server and the program updating server are used to provide the message broadcasting and program **updating** operations. The **security** control operation can control the password **configuration** method and the maintenance method, such as limiting the expiration of each password, and forcing the change of expired passwords. Further, the security control operation...

Dialog eLink: Order File History
10/3,K/4 (Item 3 from file: 350)
DIALOG(R)File 350: Derwent WPIX

0014751407 *Drawing available*
WPI Acc no: 2005-099038/200511
Related WPI Acc No: 2005-098933; 2005-098934; 2005-099037; 2005-099039; 2005-099041; 2006-340647
XRAM Acc no: C2005-033157
XRPX Acc No: N2005-085915
Optical fiber bypass apparatus for optical fiber hydrophone module for protecting optical bypass fiber, comprises elastic woven fiber bypass cable, and jacketed optical fiber
Patent Assignee: COOKE D A (COOK-I); GEN DYNAMICS ADVANCED INFORMATION SYSTEM (GEDY-N); MCGOVERN K M (MCGO-I)
Inventor: COOKE D A; MCGOVERN K M

US 6931182	B2	20050816	Patent Family (2 patents, 71 countries)		20030628	200554	E
Patent Number	**Kind**	**Date**	**Application Number**	**Kind**	**Date**	**Update**	**Type**
US 20040264894	A1	20041230	US 2003604159	A	20030628	200511	B
			US 2003604160	A	20030628		
			US 2003604159	A	20030628		
			US 2003604160	A	20030628		
			US 2003604163	A	20030628		
			US 2003604668	A	20030628		
			US 2003604163	A	20030628		
			US 2003605668	A	20031016		

Priority Applications (no., kind, date): US 2003604157 A 20030628; US 2003604158 A 20030628; US 2003604159 A 20030628; US 2003604160 A 20030628; US 2003604161 A 20030628; US 2003604162 A 20030628; US 2003604163 A 20030628; US 2003605668 A 20031016

Patent Details					
Patent Number	**Kind**	**Lan**	**Pgs**	**Draw**	**Filing Notes**
US 20040264894	A1	EN	32	43	Continuation of application US 2003604157
					Continuation of application US 2003604158
					Continuation of application US 2003604159
					Continuation of application US 2003604160
					Continuation of application US 2003604161
					Continuation of application US 2003604162
					Continuation of application US 2003604163
US 6931182	B2	EN			Continuation of application US 2003604157
					Continuation of application US 2003604158
					Continuation of application US 2003604159
					Continuation of application US 2003604160
					Continuation of application US 2003604161
					Continuation of application US 2003604162
					Continuation of application US 2003604163

Alerting Abstract ... of hydrophone assembly; and jacketed optical fiber attached to side of the bypass cable in sinusoidal pattern, the jacket carrying the optical fiber as fiber **transitions** from woven fiber **protection** cable assembly at end of the hydrophone assembly and carrying the optical fiber for a length of the assembly until **transitioning** to woven fiber **protection** cable on other end of the assembly. An elongation of the bypass cable causes a period of the sinusoidal pattern to increase without imparting damaging stress to the optical fiber. The optical fiber **transitions** to the woven fiber **protection** cable at each end of the hydrophone **module**. INDEPENDENT CLAIMS are also included for... ... an optical fiber hydrophone **module** having central axis and comprising optical hydrophone assembly, internal strength member having positioning tape and spanning the length of the **module**, elastic woven fiber bypass cable, and jacketed optical fiber; and a method for protecting optical bypass fiber comprising providing the elastic woven fiber bypass cable... ... USE - Used for optical fiber hydrophone **module** for protecting optical bypass fiber (claimed... ... of the hydrophone assembly to the other, avoiding subjecting the fiber to excessive tow-induced drag loading or the loading incurred during handling of the **module**.... ... DESCRIPTION OF DRAWINGS - The figure is a plan view of hydrophone **module**.Original Publication Data by AuthorityArgentina**Publication No.** ...**Claims:**a jacketed optical fiber attached to one side of the bypass cable in a sinusoidal pattern, the jacket carrying the optical fiber as the fiber **transitions** from the woven fiber **protection** cable assembly at one end of the hydrophone assembly and carrying the optical fiber for the length of the hydrophone assembly until **transitioning** to the woven fiber **protection** cable on the other end of the hydrophone assembly,wherein elongation of

the bypass cable causes the period of the sinusoidal pattern to increase without imparting damaging stress to the optical fiber, and wherein the optical fiber **transitions** to the woven fiber **protection** cable at each end of the hydrophone **module**.... ... a jacketed optical fiber attached to one side of the bypass cable in a sinusoidal pattern, the jacket carrying the optical fiber as the fiber **transitions** from the woven fiber **protection** cable assembly at one end of the hydrophone assembly and carrying the optical fiber for the length of the hydrophone assembly until **transitioning** to the woven fiber **protection** cable on the other end of the hydrophone assembly,wherein elongation of the bypass cable causes the period of the sinusoidal pattern to increase without imparting damaging stress to the optical fiber, and wherein the optical fiber **transitions** to the woven fiber **protection** cable at each end of the hydrophone **module.>**

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B. Abstract Databases – NON-PATENT

File 35:Dissertation Abs Online 1861-2010/Jul
        (c) 2010 ProQuest Info&Learning
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
        (c) 2002 Gale/Cengage
File 65:Inside Conferences 1993-2010/Aug 12
        (c) 2010 BLDSC all rts. reserv.
File   2:INSPEC 1898-2010/Aug W2
        (c) 2010 The IET
File 474:New York Times Abs 1969-2010/Aug 12
        (c) 2010 The New York Times
File 475:Wall Street Journal Abs 1973-2010/Aug 12
        (c) 2010 The New York Times
File 99:Wilson Appl. Sci & Tech Abs 1983-2010/May
        (c) 2010 The HW Wilson Co.
File 256:TecTrends 1982-2010/Aug W2
        (c) 2010 Info.Sources Inc. All rights res

```
Set      Items   Description
S1    1422397    (PARALLEL OR CORRESPOND? OR MATCHING OR IDENTICAL OR RELATED OR
PAIRED OR  PAIRING OR LIKE(2X)LIKE OR ONE(2W)ONE OR ASSOCIATED OR SIMILAR OR
SAME)(3N)(CONCEPTS OR  MODUL?? OR CHARACTERI? OR TERMINOLOG? OR ENTR??? OR LABEL?
OR LIST??? OR TERM? ? OR MEASURE? OR OBJECTIVE? OR PURPOSES OR AIM? ? OR GOAL?? OR
TOOL? ? OR METHOD? ? OR  PROCESSES OR SOFTWARE OR PROGRAM? OR STEP? ? OR KEYS)

S2         394    (SECURITY OR PROTECTION OR FIREWALL OR GUARD??? OR (DATA OR
ACCESS???)(2N)(BLOCK??? OR AUTHORI??? OR ALLOW? OR PROHIBIT? OR SAFETY) OR
ANTI()HACK?  OR ANTIHACK? OR ANTI()COMPROMISE OR NORTON OR ANTIVIRUS OR
ANTI()VIRUS)(4N)(TRANSITION? OR UPGRAD??? OR CHANGEOVER OR CHANG?()OVER OR UPDATING
OR (FUTURE OR INTENDED OR NEWLY
 OR NEWER OR NEWEST OR ANTICIPATED OR UPCOMING AFTER)(3N)(PAST OR PRIOR OR EARLIER
OR PREVIOUS OR EXISTING OR AFTER OR CURRENT OR PREVAILING OR BEFORE OR NOW))

S3         365    (COMPUTER? ? OR SYSTEM? ? OR HARDWARE OR NETWORK? ? OR I()T OR
INFORMATION()TECH? OR ARCHITECTUR?? OR DESIGN? ? OR MODULE? OR CODING OR CONFIGUR?)

S4         155    S1(S)S2
S5         104    S4(S)S3
S6          95    S5 FROM 347,350
S7           9    S5 NOT S6
S8           9    RD  (unique items)
S9           6    S8 NOT PY>2003
S10         48    S6 NOT AY>2003
```

9/5,K/3 (Item 3 from file: 2)
DIALOG(R)File 2: INSPEC

06880916
Title: The next generation of the Internet: aspects of the Internet protocol version 6
Author(s): Lee, D.C.[1]; Lough, D.L.[1]; Midkiff, S.F.[1]; Davis, N.J., IV[1]; Benchoff, P.E.[1]
Affiliation(s):
[1] Virginia Polytech. Inst. & State Univ., Blacksburg, VA, USA
Journal: IEEE Network , vol.12 , no.1 , pp.28-33
Publisher: IEEE
Country of Publication: USA
Publication Date: Jan.-Feb. 1998
ISSN: 0890-8044
ISSN Type: print
SICI: 0890-8044(199801/02)12:1L.28:NGIA;1-6
CODEN: IENEET
U.S. Copyright Clearance Center Code: 0890-8044/98/$10.00
Item Identifier (DOI): 10.1109/65.660004
Language: English
Document Type: Journal Paper (JP)
Treatment: General or Review (G)
Abstract: This article presents an overview of several key improvements offered by the Internet protocol version 6 (IPv6) over current Internet protocol version 4 (IPv4). The topics covered include IPv6 addressing and routing concepts, changes to the minimum IPv6 packet size, flows, and traffic classes, the neighbor discovery and node auto-**configuration** mechanisms, and an overview of mobile IPv6 and the **network security architecture. Transition** mechanisms, such as dual stacks and the 6bone, are also discussed. The 6bone is a virtual **network** that is used to help test and facilitate the development of IPv6. Key **concepts associated** with the 6bone, such as setup requirements, IPv6 DNS support, and tunnel mechanics, are also presented. (*30 refs.*)
Subfile(s): B (Electrical & Electronic Engineering); C (Computing & Control Engineering)
Descriptors: Internet; packet switching; security of data; telecommunication network routing; telecommunication traffic; transport protocols
Identifiers: Internet protocol version 6; IPv6; Internet protocol version 4; IPv4; addressing; routing; packet size; traffic classes; neighbor discovery; node auto-configuration mechanism; mobile IPv6; network security architecture; transition mechanisms; dual stacks; 6bone; virtual network; setup requirements; DNS support; tunnel mechanics; flow label fields
Classification Codes: B6210L (Computer communications); B6150M (Protocols); B6150P (Communication network design, planning and routing); B6150C (Communication switching); C5620W (Other computer networks); C5640 (Protocols)
International Patent Classification:
H04L-0012/28 (Characterised by path configuration, e.g. lan [local area networks] or wan [wide area networks])

H04L-0012/56 (Packet switching systems)
H04W-0016/00 (Network planning, e.g. coverage or traffic planning tools; Network deployment, e.g. resource partitioning or cell structures)
H04W-0040/00 (Communication routing or communication path finding)
INSPEC Update Issue: 1998-014
Copyright: 1998, IEE
Abstract: ...topics covered include IPv6 addressing and routing concepts, changes to the minimum IPv6 packet size, flows, and traffic classes, the neighbor discovery and node auto-**configuration** mechanisms, and an overview of mobile IPv6 and the **network security architecture**. **Transition** mechanisms, such as dual stacks and the 6bone, are also discussed. The 6bone is a virtual **network** that is used to help test and facilitate the development of IPv6. Key **concepts associated** with the 6bone, such as setup requirements, IPv6 DNS support, and tunnel mechanics, are also presented.

Dialog eLink:
9/5,K/2 (Item 2 from file: 2)
DIALOG(R)File 2: INSPEC

07349840
Title: **Approximate real-time decision making: concepts and rough fuzzy Petri net models**
Author(s): Peters, J.F.[1]; Skowron, A.; Suraj, Z.; Pedrycz, W.; Ramanna, S.
Affiliation(s):
[1] Dept. of Electr. & Comput. Eng., Manitoba Univ., Winnipeg, Man., Canada
Abstract: This paper considers the construction of Petri nets to simulate the computation performed by decision **systems**. Algorithms are given to construct Petri nets which correspond to decision rules, information **systems**, and real-time decision **systems**. Rough as well as rough, fuzzy Petri net extensions of colored and generalized fuzzy Petri nets are used to create highly **parallel programs** to simulate reasoning **system** computations. Constructed nets make it possible to evaluate the **design** of decision **system** tables, and to trace computations in rules derived from decision tables. Start places of nets are connected to Dill process receptors which await input from the environment. Time consumption during the propagation of outputs from sensors in a decision **system** is monitored with timers called

approximate time windows, which measure durations between firings of decision transitions relative to time granules with names such as early, ontime, and late. **Guards** on decision **transitions** are propositional functions which permit a rule to fire for some sensor values and not for others. In addition, the **design** of guards makes allowance for multivalued logic, where conditional sensor readings are assessed in terms of their degree of membership in sensor measurement granules. In some cases, a rule can fire if the degree of truth of its guard (premise) is above some threshold. Through simulation, designers can arrive at reasonable estimates of the period of timers on decision transitions. The approach to simulating computations by decision **systems** presented in this paper results in fast, massively **parallel programs** implementable on a multiprocessor. (*58 refs.*)

Subfile(s): C (Computing & Control Engineering)
Descriptors: decision tables; decision theory; fuzzy set theory; Petri nets
Identifiers: decision making; fuzzy Petri net models; Petri nets; reasoning system; parallel programs; Dill process receptors
Classification Codes: C6110 (Systems analysis and programming); C1160 (Combinatorial mathematics); C4210 (Formal logic)
International Patent Classification:
G06F-0009/44 (Arrangements for executing specific programmes)
INSPEC Update Issue: 1999-036
Copyright: 1999, IEE

Abstract: This paper considers the construction of Petri nets to simulate the computation performed by decision **systems**. Algorithms are given to construct Petri nets which correspond to decision rules, information **systems**, and real-time decision **systems**. Rough as well as rough, fuzzy Petri net extensions of colored and generalized fuzzy Petri nets are used to create highly **parallel programs** to simulate reasoning **system** computations. Constructed nets make it possible to evaluate the **design** of decision **system** tables, and to trace computations in rules derived from decision tables. Start places of nets are connected to Dill process receptors which await input from the environment. Time consumption during the propagation of outputs from sensors in a decision **system** is monitored with timers called approximate time windows, which measure durations between firings of decision transitions relative to time granules with names such as early, ontime, and late. **Guards** on decision **transitions** are propositional functions which permit a rule to fire for some sensor values and not for others. In addition, the **design** of guards makes allowance for multivalued logic, where conditional sensor readings are assessed in terms of their degree of membership in sensor measurement granules. In... ...some threshold. Through simulation, designers can arrive at reasonable estimates of the period of timers on decision transitions. The approach to simulating computations by decision **systems** presented in this paper results in fast, massively **parallel programs** implementable on a multiprocessor.

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V. Additional Resources Searched

No additional results of relevance found in the additional databases identified in the coverpage correspondence.